

WHAT IS CLAIMED IS:

1. An endless track comprising:

an iron link belt including a link unit assembly constructed of a plurality of link units connected to each other, each link unit including a pair of links;

a continuous pad including the same number of core metal plates as that of said plurality of link units and a single urethane rubber belt, each of said core metal plates being fixed to each of said plurality of link units, said urethane rubber belt being attached to a ground opposing surface of each of said core metal plates and being formed into a predetermined configuration so as to cover each of said core metal plates, said urethane rubber belt being continuous over all of said core metal plates; and

a connecting device for connecting said iron link belt and said continuous pad at said link units and said core metal plates.

2. An endless track according to claim 1, wherein each of said pair of links comprises at least one of a bent plate link and a forged link.

3. An endless track according to claim 1, wherein said connecting device comprises at least one of a bolt-and-nut and a welding.

4. An endless track according to claim 3, wherein said connecting device comprises said bolt-and-nut, and said bolt and-nut is welded to said core metal plate and is covered with urethane rubber of said urethane rubber belt.

5. An endless track according to claim 1, wherein said iron link belt includes the same number of plates as that of said plurality of link units,

each of said plates being welded to said pair of links of each of said plurality of link units of said link unit assembly and extending perpendicularly to a direction in which said link unit assembly extends,

each of said core metal plates of said continuous pad being fixed to each of said plates of said iron link belt,

said urethane rubber belt of said continuous pad including a small thickness portion positioned between two adjacent core metal plates of said core metal plates,

said iron link belt and said continuous pad being connected to each other by said connecting device at said plates and said core metal plates.

6. An endless track according to claim 1, wherein each of said core metal plates of said continuous pad extends perpendicularly to a direction in which said link unit assembly extends and is directly welded to said pair of links of each of said plurality of link units of said link unit assembly,

said urethane rubber belt of said continuous pad including a small thickness portion between positioned two adjacent core metal plates of said core metal plates.

7. An endless track according to claim 1, wherein said iron link belt includes the same number of plates as that of said plurality of link units,

each of said plates being welded to said pair of links of each of said plurality of link units of said link unit assembly and extending

perpendicularly to a direction in which said link unit assembly extends,

each of said core metal plates of said continuous pad being fixed to each of said plates of said iron link belt,

said urethane rubber belt of said continuous pad including a normal thickness portion positioned between two adjacent core metal plates of said core metal plates,

said iron link belt and said continuous pad being connected to each other by said connecting device at said plates and said core metal plates.

8. An endless track according to claim 1, wherein each of said core metal plates of said continuous pad extends perpendicularly to a direction in which said link unit assembly extends and is directly welded to said pair of links of each of said plurality of link units of said link unit assembly,

said urethane rubber belt of said continuous pad including a normal thickness portion positioned between two adjacent core metal plates of said core metal plates.

9. A method for manufacturing an endless track comprising:

connecting a plurality of link units each having a pair of links thereby manufacturing a link unit assembly of an iron link belt; and

providing the same number of core metal plates as that of said plurality of link units of said iron link belt, and forming a single urethane rubber belt continuously extending over all of said core metal plates and forming into a predetermined configuration such that said single urethane rubber belt covers and is attached to a ground opposing surface of each of

said core metal plates, thereby manufacturing a continuous pad.

10. A method according to claim 9, wherein each link of said pair of links is manufactured through at least one of a bending and forging process.

11. A method according to claim 9, wherein during said manufacturing of an iron link belt, a plate extending perpendicularly to a direction in which said link unit assembly extends is welded to said pair of links of each of said plurality of link units of said link unit assembly, and during said manufacturing of a continuous pad, before said core metal plates are fixed to said plurality of link units, a small thickness portion is formed between two adjacent core metal plates of said core metal plates when said urethane rubber belt is attached to the ground opposing surface of each of said core metal plates and is formed into a predetermined configuration, and

after manufacturing said continuous pad, said iron link belt and said continuous pad are connected to each other by a connecting device at said plates and said core metal plates.

12. A method according to claim 11, wherein said connecting device includes a bolt and a nut, and

before said attaching and forming of a urethane rubber belt, at least one of said bolt and said nut is welded to each of said core metal plate, and during said attaching and forming of a urethane rubber belt, said at

least one of said bolt and said nut is covered with a urethane rubber of said urethane rubber belt.

13. A method according to claim 9, wherein each of said core metal plates extending perpendicularly to a direction in which said link unit assembly extends is directly welded to said pair of links of each of said plurality of link units of said link unit assembly of said iron link belt, and during manufacturing of said continuous pad, when said urethane rubber belt is attached to the ground opposing surface of each of said metal core plates and is formed into a predetermined configuration, a small thickness portion is formed to said urethane rubber belt between two adjacent core metal plates of said core metal plates.

14. A method according to claim 9, wherein during said manufacturing an iron link belt, a plate extending perpendicularly to a direction in which said link unit assembly extends is welded to said pair of links of each of said plurality of link units of said link unit assembly, and before said manufacturing of a continuous pad, each of said core metal plates is fixed to said plate of each of said link units of said iron link belt, and

during said manufacturing of a continuous pad, said urethane rubber belt is attached to the ground opposing surface of each of said metal core plates and is formed into a predetermined configuration such that said urethane rubber belt covers each of said core metal plates and such that a normal thickness portion is formed to said urethane rubber belt between

two adjacent core metal plates of said core metal plates.

15. A method according to claim 9, wherein each of said core metal plates extending perpendicularly to a direction in which said link unit assembly extends is directly welded to said pair of links of each of said plurality of link units of said link unit assembly of said iron link belt, and

during said manufacturing of a continuous pad, a normal thickness portion is formed to said urethane rubber belt between two adjacent core metal plates of said core metal plates when said urethane rubber belt is attached to the ground opposing surface of each of said metal core plates and is formed into a predetermined configuration.

16. A method according to any one of claims 14 or 15 further comprising dividing said urethane rubber belt between two adjacent core metal plates of said core metal plates among a plurality of separate pads.